

IN THE CLAIMS:

Please amend claim 34 as follows:

*Sub D*  
34. (Amended) An apparatus for applying energy to cause shrinkage of a vein, the apparatus comprising:

a catheter having a shaft with an outer diameter and a working end, wherein the outer diameter of the catheter is less than the inner diameter of the vein; and

*C1*  
at least two electrodes located at the working end of the catheter, wherein the electrodes are spaced apart from one another so as to produce <sup>*capable of*</sup> a directional RF field to heat a venous treatment area adjacent the electrodes along a circumferential portion of the vein to cause preferential shrinkage of the vein when RF energy is applied to the vein by the electrodes.

Please add the following new claims 83 and 84.

*Sub D*  
*C2*  
83. (New) The apparatus of claim 34 wherein the electrodes are configured so as to not penetrate the vein.

84. (New) The apparatus of claim 53 wherein the directional energy application apparatus is configured so as to not penetrate the vein.